

SOUTHERN INDIANA GAS AND ELECTRIC COMPANY

20-24 N.W. FOURTH STREET • TELEPHONE (812) 424-6411



EVANSVILLE, INDIANA 47741

SIGECO

July 18, 1985

JUL 25 10 05 AM '85
DIVISION OF LAND
POLLUTION CONTROL
STATE
BOARD OF HEALTH

Mr. Bruce H. Palin
Indiana State Board of Health
Division of Sanitary Engineering
1330 West Michigan Street
Indianapolis, IN 46206

Dear Mr. Palin:

SUBJECT: Landfill Analysis for the Second Quarter, 1985

WELL	Ca	Cl	Na	SO ₄	TDS	COD	W.D. ELEV.	G.W. ELEV.
1	59.3	23.7	124	45	500	2	387.0	390.0
2	137	244	162	53	1150	4	367.2	384.0
3	11	(389)	24.8	26	1120	0	406.2	430.8
4	383	32.1	438	(2400)	(3620)	20	426.5	438.4
1A	56.9	1.5	12.8	8.3	270	0	433.4	444.5
2A	76.2	2.7	9.3	36	(360)	1	382.8	423.1
Runoff	383	46.6	403	(1850)	(2950)	20	--	--

(all samples are reported in milligrams per liter)

The above data is from samples taken on June 21, 1985, at the A. B. Brown Generating Station, West Franklin, Indiana. Testing and sampling were performed by National Laboratories, Inc. of Evansville, Indiana. The wells were water-jet cleaned and flushed on May 31 and June 1, 1985, for redevelopment by Pump and Irrigation, Inc. of Mt. Vernon, Indiana.

The above data could be biased due to a bore hole dilution test being performed on the wells per the request of our landfill consultant, Dr. Joseph Fitzpatrick. The borehole dilution test required the addition of a known amount of potassium chloride to each well. This test was started on June 6, 1985, on wells 2, 3, and 4 and will continue through July, 1985. Note that these wells were not pumped 24 hours prior to sampling due to the borehole dilution test. Wells 1, 1A, 2A, and the runoff were not affected by the borehole dilution test and were pumped and sampled per the normal protocol.

If there are any questions, please feel free to call me at (812) 464-4668.

Very truly yours,

J. A. Van Meter
J. A. Van Meter

JAVM/dar

CC: N. P. Wagner
J. G. Hurst
M. W. New
J. L. Peckenpaugh

SOUTHERN INDIANA GAS AND ELECTRIC COMPANY

20-24 N.W. FOURTH STREET • TELEPHONE (812) 424-5411



EVANSVILLE, INDIANA 47741

JAMES A. VAN METER
VICE-PRESIDENT
AND DIRECTOR OF ELECTRIC OPERATIONS

April 12, 1985
JVM 4585

APR 17 9 30 PM '85
DIV OF LAND & WATER CONTROL
STATE BOARD OF HEALTH

Mr. Bruce H. Palin
Indiana State Board of Health
Division of Sanitary Engineering
1330 West Michigan Street
Indianapolis, IN 46206

Dear Mr. Palin:

SUBJECT: LANDFILL ANALYSIS FOR THE FIRST QUARTER, 1985

WELL	Ca	Cl	Na	SO ₄	TDS	COD	WD ELEV	G.W. ELEV.
1	53.6	10.7	146	37	550	0	387.0	390.5
2	71.0	54	236	14	740	0	367.2	369.4
3	47.2	2.86	8.36	13	230	20	406.2	430.2
4	194	22.9	316	1550	2200	2	426.5	437.8
1A	52.5	2.15	9.18	11	250	0	433.4	443.2
2A	70.3	2.86	8.81	27	320	0	382.8	422.6
Runoff	203	44	763	2032	3100	15	NA	NA

(All samples are reported in milligrams per liter)

The above data is from samples taken on March 20, 1985, at the A. B. Brown Generating Station, West Franklin, Indiana. Testing and Sampling were performed by National Laboratories, Inc. of Evansville, IN.

If there are any questions, please feel free to call me at 812-464-4668.

Very truly yours,

J. A. Van Meter
J. A. Van Meter

JVM/sf

cc: N. P. Wagner
J. G. Hurst
M. W. New
J. L. Peckenpaugh
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